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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title: Thermokinetic Mixer and Method of Using  
Inventor(s): David Little, David Rice  
Assignee(s):  
Serial No.: 09/628236  
Filing Date: 7/28/2000  
Group No.: 1723  
Examiner: D. Sorkin  
Attorney Docket No.: 0002.1G1

FACSIMILE TRANSMITTAL LETTER  
TO: EXAMINER DAVID SORKIN

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, DC 20231

Sir:

Transmitted for filing for the above  
patent application are the following:

Papers Enclosed:

☒ Amendment - 3 p.

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(37 CFR 1.8(a))

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**SUPPLEMENTAL AMENDMENT AND  
REQUEST FOR RECONSIDERATION**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the last Office Action, Applicant respectfully requests entry of amendments to the above application as follows:

Appendix 1 is attached and incorporated into this amendment made in the above application and contains the amended paragraphs of the specification and/or claims in the form showing stricken material in brackets and new material as underlined.

**Claims:** Please amend claims 1 and 10 as follows:

1. (Thrice amended) A thermokinetic mixer comprising:

- (a) a substantially cylindrical mixing chamber with an inside surface enclosing a shaft connected with a motor driver outside the mixing chamber and rotatable at relatively high speed substantially about an axis of the cylindrical mixing chamber, the mixing chamber having an opening at a first end of the cylinder that communicates with a screw feeder, where the screw feeder comprises screw blades mounted on an extension of the shaft and are enclosed with a cylindrical housing open at an inlet port, the screw feeder being adapted to receive a particulate feed material comprising an effective amount of particles of polymers meltable at operating conditions and to deliver the feed material to the mixing chamber;

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